Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (**currently amended**): An information processing method for processing a file containing reversibly compressed or non-compressed digital image data obtained by digitally converting a signal that has been output from an image sensing device, said method including process of:

converting the digital image data contained in the file to data having a prescribed format by selectively executing a signal processing of a plurality of types by using any of at least a plurality of types of luminance signal generating processing methods and/or a plurality of types of color signal generating processing methods;

selecting automatically signal processing to be used from among the plurality of types of signal processing based upon attribute information other than information derived from the digital image data, contained in the file; and

causing said conversion to be executed using the signal processing selected in the selecting process so that the digital image data contained in the file is converted to data having the prescribed format,

wherein signal processing of the plurality of types in the converting process includes high-frequency emphasis processing for causing a high-frequency emphasis signal to act upon a luminance signal that has been obtained by conversion from the digital image data, said high-frequency emphasis signal being obtained by either first processing for generating a high-frequency emphasis signal using color signals of all colors included in the digital image data, or

second processing for generating a high-frequency emphasis signal using a color signal of a specific color included in the digital image data,

and in the selecting process, either the first processing or the second processing is selected.

2 (**cancelled**):

3 (**currently amended**): The method according to claim 1, further comprising a decompression execution process of subjecting the digital image data contained in the file to one of a plurality of decompressing processes corresponding to a plurality of types for decompressing [[the]] digital image data ~~described in the file~~;

wherein in the selecting process, decompression ~~processing, which is~~ process to be used in ~~said decompressing,~~ the decompression execution process is selected based upon the attribute information contained in the file.

4 (**original**): The method according to claim 1, wherein the signal processing is executed in the converting process using an image processing parameter set by a user.

5 (**original**): The method according to claim 1, wherein, in the selecting process, the signal processing to be used is selected, based upon at least any of product information specifying an apparatus that is the source of generation of the file, color-filter information specifying a color filter used by an image sensing device in the apparatus that is the source of generation of the file, and an extension of the file.

6 (**currently amended**): The method according to claim 1, wherein signal processing of the plurality of types in the converting process further includes ~~first process~~ third processing for generating a luminance signal using color signals of all colors included in the digital image data,

and ~~second~~ fourth processing for generating a luminance signal using a color signal of a specific color included in the digital image data; and

in the selecting process, either the ~~first~~ third processing or the ~~second~~ fourth processing is further selected.

7-16 (**cancelled**):

17 (**currently amended**): A computer readable storage medium storing a control program ~~for implementing, by~~ causing a computer[[,]] to execute the information processing method set forth in claim 1.

18 (**currently amended**): A control program ~~for implementing, by~~ stored in a computer readable storage medium, which causes a computer[[,]] to execute the information processing method set forth in claim 1.

19 (**new**): An information processing apparatus for processing a file containing reversibly compressed or non-compressed digital image data obtained by digitally converting a signal that has been output from an image sensing device, said apparatus comprising:

a converting unit configured to convert the digital image data contained in the file to data having a prescribed format by selectively executing a signal processing of a plurality of types by using any of at least a plurality of types of luminance signal generating processing methods and/or a plurality of types of color signal generating processing methods;

a selecting unit configured to automatically select signal processing to be used from among the plurality of types of signal processing based upon attribute information other than information derived from the digital image data, contained in the file; and

an executing unit configured to cause said converting unit to convert the digital image data using the signal processing selected by said selecting unit so that the digital image data contained in the file is converted to data having the prescribed format,

wherein signal processing of the plurality of types in the converting process includes high-frequency emphasis processing for causing a high-frequency emphasis signal to act upon a luminance signal that has been obtained by conversion from the digital image data, said high-frequency emphasis signal being obtained by either first processing for generating a high-frequency emphasis signal using color signals of all colors included in the digital image data, or second processing for generating a high-frequency emphasis signal using a color signal of a specific color included in the digital image data;

and said selecting unit selects either the first processing or the second processing.